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ProPhotonix Limited

("ProPhotonix" or "the Company")

### **ProPhotonix Launches New Digital Compact Laser**

*The new digital laser is packed with functionality in an exceptionally small form factor.*

ProPhotonix Limited, a designer and manufacturer of laser diode modules and LED illumination systems with operations in the United Kingdom and Ireland, part of the Exaktera group, is pleased to announce the launch of the new Digital Compact Laser. At just 8mm in diameter, this laser offers digital control and monitoring in an exceptionally compact package ideal for applications where space is restricted.

Digital functionality enables system designers to provide a higher-performance product to their customers. The new high-performance laser can be controlled and monitored through a digital RS232 communication interface and offers increased flexibility and control in applications such as precision industrial alignment, patient positioning, particle detection, targeting, 3D measurement, and high-speed automated inspection.

For system designers looking to keep their systems leading edge, the Digital Compact Laser allows output power, pulse duration, and frequency to be adjusted as well as monitoring the laser's performance. In their systems, the new digital laser could allow the flexibility for different tasks to be carried out by the same system. In addition, the digital laser can be easily integrated into the overall control system allowing end users to have full control and visibility of the system's performance.

Available at 520nm, 635nm, and 650nm with output powers from 0.9mW to 4mW, the Digital Compact Laser is available with elliptical beam, line, and cross generating optics with CW or modulation operation. It offers high reliability and excellent boresighting (<0.5°).

Jeremy Lane, Managing Director of ProPhotonix's laser business said "Digital control and monitoring offers system designers the opportunity to develop systems with greater functionality, flexibility, and control. This new product will allow customers to enhance their systems even where space is very limited."

To learn more about the Digital Compact Laser, visit:

[https://www2.prophotonix.com/digital\\_compact\\_laser](https://www2.prophotonix.com/digital_compact_laser)

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**About ProPhotonix**

ProPhotonix Limited is a high-technology designer and manufacturer of diode-based laser modules and LED systems for industry-leading OEMs and medical equipment companies. In addition, the Company distributes premium diodes for Ushio, Osram, QSI, Panasonic, and Sony. The Company serves a wide range of markets including the machine vision, industrial inspection, security, and medical markets. ProPhotonix has offices and subsidiaries in the U.S., Ireland, U.K., and Europe. For more information about ProPhotonix and its innovative products, visit the Company's website at [www.prophotonix.com](http://www.prophotonix.com).

**About Exaktera**

ProPhotonix is part of the Exaktera group. Exaktera is creating a family of companies focused on delivering precision performance for OEMs through LED and laser technology. Exaktera's premium brands are used across a wide range of applications and end markets to enable continuously increasing demand for industrial automation and improvement in efficiency, productivity, and safety. [www.exaktera.com](http://www.exaktera.com)